

Soldier/Warfighter Operationally Responsive Deployer for Space (SWORDS)

Canceled Technology Project (2012 - 2014)



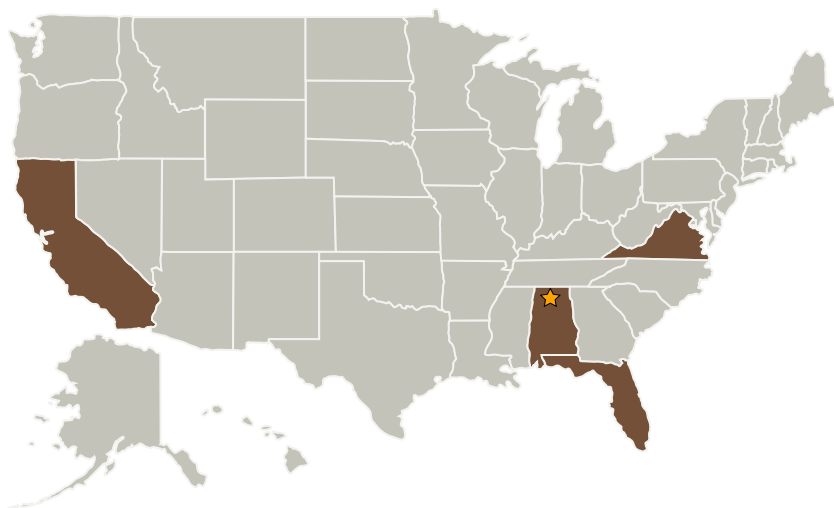
Project Introduction

The SWORDS launcher is a cooperative project between Office of the Secretary of Defense, U.S. Army Space and Missile Defense Command/ Army Forces Strategic Command and NASA. The transition manager for the Joint Capability Technology Demonstration is the U.S. Army's Program Executive Office for Missiles and Space. The demonstration will consist of ground engine testing, a suborbital flight test, and an orbital flight test. A dedicated nanosatellite launcher will extend the miniature electronics revolution into space by enabling combatant commands to have a launch-on-demand capability.

Anticipated Benefits

NASA is partnering with the US Army to develop the SWORDS vehicle that will leverage commercial industry standards to utilize standard hardware and technologies over customized designs by reducing cost through reduced personnel needs and minimal inventory requirements to address the needs of affordable, responsive, dedicated launch system for nano-and micro-satellites.

Primary U.S. Work Locations and Key Partners



Soldier/Warfighter Operationally Responsive Deployer for Space

Table of Contents

Project Introduction	1
Anticipated Benefits	1
Primary U.S. Work Locations and Key Partners	1
Organizational Responsibility	1
Project Transitions	2
Project Management	2
Technology Maturity (TRL)	2
Target Destination	2

Organizational Responsibility

Responsible Mission Directorate:

Space Technology Mission Directorate (STMD)

Lead Center / Facility:

Marshall Space Flight Center (MSFC)

Responsible Program:

Game Changing Development

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Organizations Performing Work	Role	Type	Location
★ Marshall Space Flight Center (MSFC)	Lead Organization	NASA Center	Huntsville, Alabama

Primary U.S. Work Locations	
Alabama	California
Florida	Virginia

Project Transitions

 **October 2012:** Project Start

 **September 2014:** Project canceled because other

Rationale: Project canceled because other

Details: NASA decided to exit the SWORDS program at the end of FY14. . However, in 2014 SMDC was reviewing options for continuing to develop a low cost nanosatellite launch vehicle.

Project Management

Program Director:

Mary J Werkheiser

Program Manager:

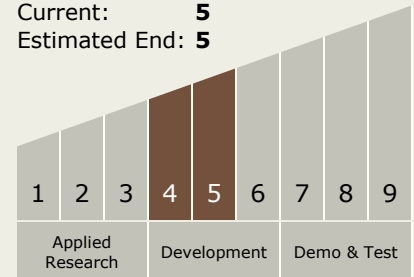
Gary F Meyering

Principal Investigator:

Benny L Davis

Technology Maturity (TRL)

Start: **4**
Current: **5**
Estimated End: **5**



Target Destination

Earth